

QUERY CONTROL FORM

RTIS USE ONLY

Application No. 09/659,737
Examiner-GAU monshigauri-1652

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JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

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- Holes through Data
- Other Missing Text
- Illegible Text
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- Brief Description
- Sequence Listing
- Appendix
- Amendments
- Other

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
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- e. Index Disagrees
- f. Punctuation
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MESSAGE

MESSAGE In claim pages dated 03/08/04, original claim 25 (now renumbered claim 3) depends from original claim 22 (now renumbered claim 10).

please advise/correct claim dependency.

Montoya

initials *CPH*

RESPONSE

initials

Appl. No. 09/659,737

Amdt. dated March 8, 2004

Reply to Final Office Action dated Feb. 12, 2004

Amendments to the Claims

Claim 1. (Original): An isolated polynucleotide molecule comprising a nucleotide sequence encoding an MLK4 gene product from a human, wherein the MLK4 gene product comprises the amino acid sequence of SEQ ID NO:2.

Claim 2. (Original): The isolated polynucleotide sequence of claim 1 comprising the nucleotide sequence of SEQ ID NO:1.

Claims 3-21. (Cancelled).

¹⁰
Claim ~~22~~. (Currently Amended): A recombinant vector comprising any one of the polynucleotide molecule molecules of claims 1-5 ^{4 5 6 7 8} ~~claim 1, 2, 48, 49, 50, 51 or 53.~~

¹¹
Claim ~~23~~. (Original): A transformed host cell comprising the recombinant vector of ¹⁰ ~~claim 22.~~

Claim 24. (Cancelled).

³
Claim ~~25~~. (Currently Amended): A method of preparing a substantially purified or isolated polypeptide ~~comprising the amino acid sequence of SEQ ID NO:2 encoded by the recombinant vector of claim 22,~~ ¹⁰ comprising culturing host cells transformed with the recombinant vector under conditions ~~conductive~~ conductive to the expression of the polypeptide, ~~or peptide fragment,~~ and recovering in substantially purified or isolated form the polypeptide ~~or peptide fragment~~ from the cell culture.

Claims 26-47. (Cancelled).

⁴
Claim ~~48~~. (New): An isolated polynucleotide molecule that comprises a nucleotide sequence that is about 90% homologous to SEQ ID NO:1, wherein the isolated polynucleotide molecule encodes a protein that has a kinase activity of an MLK4 gene product.